

#### Work Order ID 72162

Tuesday, July 19, 2011 1:50:27 PM



Page 1

Item ID: D3462-1 Accept Setup Start **Revision ID:** Stop Item Name: **BRACKET ASSEMBLY Start Date:** 7/19/2011 Start Qty: 6.00 **Cust Item ID:** Required Date: 7/25/2011 Req'd Qty: 6.00 **Customer:** Reference: Start Run **Process Plan: Approvals: Tooling:** Date: Stop QC: Date: **SPC (Y/N):** Date: Sequence ID/ Operation Set Up/ Reject · Tool ID Tool # Plan Accept Reject Insp. Work Center ID Description Code Number Stamp **Run Hours** Qty **Qty Draw Nbr Revision Nbr** D3462 Rev C 100 0.00 FLOW WATER JET B11-8-4 Waterjet 0.00 Memo FLOW CNC Waterjet 1-Cut as per Dwg D3462 □Dwg Rev: \_□Prog Rev:\_\_\_\_ □2-304.125 Deburr if necessary 110 QC2- Inspect parts off machine FAI/FAIB 0.00 1R11-8-4 QC 0.00

120

QC

Quality Control

Quality Control

QC8- Inspect parts - second check

Memo

0.00

Memo

0.00 D 11/08/04

W/O:			WORK ORDER CHANGES							
DATE	STEP	PRO	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No <b>DQ</b>	<b>A</b> :	_ Date: _		
Resolution:		Dispositio	_ QA: N/C C	osed:		Date:				
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCF	₹)				
DATE	STEP	Description of NC	Corrective Action Section	on B Sign 8		cation		Approvai		
		Section A	Initial Chief Eng	Action Description Chief Eng	Date			Chief Eng	QC Inspector	
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Work Orde Tuesday, July 19		
Item ID:	D3462-1	
Revision ID:		
Item Name:	BRACKET A	ASSEMBLY
Start Date:	7/19/2011	Start Qty: 6.00
Required Date:	7/25/2011	Req'd Qty: 6.00
Reference:		_



Accept



Page 2

Setup Start

Stop



Cust Item ID:
Customer:

Approvals:	Process Plan:	Date:Date:	Tooling:		ate:		R	Run Stai Sto	1 18 8 1 1 8	
Sequence ID/ Work Center II	Operati Descrip		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Small Fab	Small Fab	Мето	0.00						<del> </del>	
Small Fab		Deburr if necessary.	n A							
QC Quality Control	QC5- Insp	Memo	0.00							

150

Packaging
Packaging

Identify as per dwg & Stock Location: \_\_\_\_\_

0.00

Memo 0.00

11/2/45/ 112

\*\*\*\*\*STOCK IN LARGE FAB\*\*\*\*\*

Dail Ac	ospace	Liu								
W/O:			W	ORK ORDER CHANG	GES			*************		
DATE	STEP	PRO	OCEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	egory:	NCR	: Yes N	10 <b>DQ</b>	A:	_ Date: _	· · · · · · · · · · · · · · · · · · ·
Resolution:		esolution:	Disposition	on:	QA:	N/C Clo	sed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORM	IANCE	(NCR)	1			
DATE	STEP	Description of NC	Corrective Action Initial Action Descript		ction B	on B Sign &		cation	Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng		Date		on C	Chief Eng	QC Inspector
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#### Work Order ID 72162

Tuesday, July 19, 2011 1:50:27 PM



Page 3

Item ID:

D3462-1

Accept

Setup Start



**Revision ID:** 

Item Name:

**BRACKET ASSEMBLY** 

**Start Date:** 

Required Date: 7/25/2011

7/19/2011

Start Qty: 6.00

Req'd Qty: 6.00

**Cust Item ID:** 

**Customer:** 

Tool ID

Reference:

Approvals:

Process Plan: \_\_\_\_\_

QC:

Date:

Date: \_\_\_\_

**Tooling:** 

SPC (Y/N):

Set Up/

Date: Date:

Run

Start

Stop

Stop

Sequence ID/

**Work Center ID** 

160

Quality Control

QC

Operation Description

QC21- Final Inspection - Work Order Release

Memo

**Run Hours** 

0.00

Tool # Plan Accept Code Qty

Reject Qty

Reject Insp.

Number Stamp

0.00

W/O:			WO	RK ORDER CHANG	SES					
DATE	STEP	PRO	OCEDURE CHAI	IGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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	:					-				
Part No	:	PAR #:	Fault Cate	jory:		R: Yes 1	No <b>DQ</b>	A:	 Date:	
			Disposition: QA: N/C Closed							
NCR:			WORK ORDE	R NON-CONFORM	ANCE	(NCR	)			
DATE	STEP	Description of NC	Corrective Action Section B			0:	Verific	cation	Approval	Approval
DAIL	0,1,	Section A	Initial Chief Eng	Action Description Chief Eng	ption Sign & Date				Chief Eng	QC Inspector
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## **Picklist Print**

Tuesday, July 19, 2011 1:50:36 PM

Work Order ID: 72162

Parent Item: D3462-1

Parent Item Name: BRACKET ASSEMBLY

**Start Date:** 7/19/2011

Required Date: 7/25/2011

Page 1

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP REV. A 05.11.18 NEW ISSUE EC IPP Rev:B Now on Waterjet 06-06-16 JLM

esr rev B 08.07.15 ecn 1049 EC verified by: DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch		Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S11GA		Purchased	No			100	sf	79.0000	0.095	0.6			
										1B 1	1-8-4		

304/316 0.125 Sheet

Location Loc Code Loc Qty MAT020 79 117494 79

Duit Aci	Copacc	LU							
W/O:			W	ORK ORDER CHANGE	S	***************************************	_		
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	•	PAR #:	Fault Cate	egory:	NCR: Yes	No DQ	A:	Date:	
		Disposition: Q			osed:		Date: _		
NCR:			WORK ORD	DER NON-CONFORMAL	NCE (NCF	R)			
DATE	STEP	Description of NC	Corrective Action Section		Verific	ation	Approval	Approval	
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	k Secti	on C	Chief Eng	QC Inspector
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i									

D3065-5DART AEROSPACE LTD	Work Order:	12162
Description: Base	Part Number:	D3462-1
Inspection Dwg: D3462 Rev: C		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
3.58	+/-0.030	3,585	×		V BUZ	
3.36	+/-0.030	3.360	4		V	
0.125	+/-0.010	,119	7		V	
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		·				
			-			- 11, 10-1
						-,
						***

Measured by: ∤B	Audited by:	Prototype Approval:	N/A
Date: 11-8-4	Date: USSO4	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	07.09.06	New Issue	KJ/JLM 1/A	
В	08.07.24	Dimensions updated per Dwg Rev C	KJ/DD O	<b>X</b>

	. Johado								
W/O:			W	ORK ORDER CHANGI	ES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	Date: _	
		esolution:	Dispositio	n:	QA: N/C C	losed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	<del>(</del> F)			
DATE	STEP	Description of NC Section A	Corrective Action S Initial Action Descriptio		on B Sign (	0 1	cation	Approval Chief Eng	Approval QC Inspector
		Occilona	Chief Eng	Chief Eng	Date			Offier Eng	QC Inspector
								:	
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	}								

SHOP COPY RETURN TO

ENGINEERING UNCONTROLLED TOPY

SUBJECT TO AMENDMENT

WITHOUT NOTICE
WORK ORDER
NO. 73/42

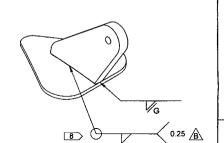
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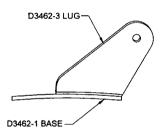
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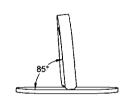


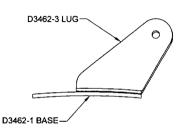
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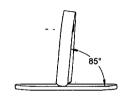
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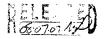


#### D3462-041 BRACKET ASSEMBLY

QTY -041	-042	P/N	DESCRIPTION
X		D3462-041	BRACKET ASSEMBLY
	X	D3462-042	BRACKET ASSEMBLY
1	1	D3462-1	BASE
1	1	D3462-3	LUG

- NOTES:
  1) MATERIAL: N/A
  2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
  3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  4) UNITS: INCHES UNLESS OTHERWISE NOTED
  5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3462-041" OR "D3462-042"
  USING FINE POINT PERMANENT INK MARKER
  7) WEIGHT: 0.75 lbs (TYP)
  8) WELDING: PER DART QSI 004

#### D3462-042 BRACKET ASSEMBLY



С	SHOW VIEWS OF D3462-041 & D3462-042, UPDATE DWG REASON: PRODUCTION FACILITY	DC	07.10.24
В	REVISE DIMENSIONS	RF	05.12.05
Α	NEW ISSUE	RF	05.09.20
REV.	DESCRIPTION	BY	DATE

DESIGN	<del>}</del>	DART AEROSPACE	LTD		
DRAWN	MANDO	HAWKESBURY, ONTARIO, CA			
CHECKED	NP	DRAWING NO.	REV. C		
MFG. APPR.	24	D3462	SHEET 1 OF 2		
APPROVED	12	TITLE	SCALE		
DE APPR.	-##	BRACKET ASSEMBLY	1:2		
DATE 07	10 24	COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PROVATE AND CONTIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS			

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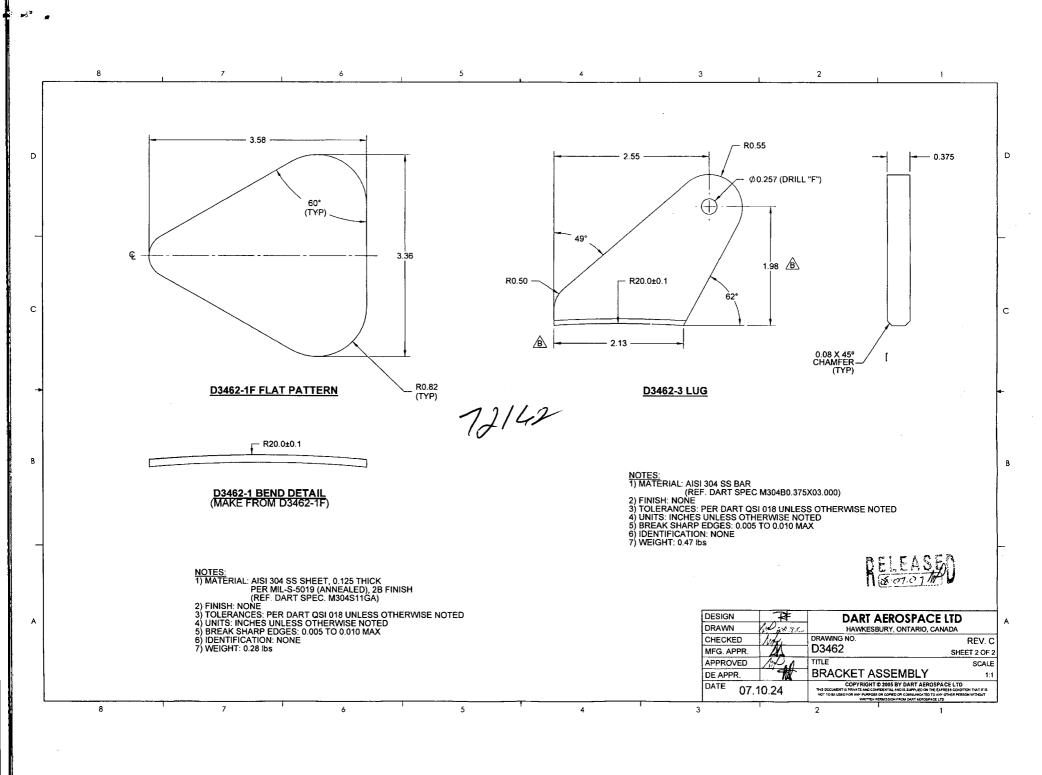
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W/O:			WC	ORK ORDER CHANGE	ES				
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	Date:	
					QA: N/C Closed: Date:				
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCR	)			
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verific		Approval	Approval
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		WO	RK ORDER CHANG	ES					
STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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:	PAR #:	Fault Categ	jory:	_ NCR: Yes	No DQ	<b>A</b> :	_ Date: _	·	
		Disposition:		_ QA: N/C C				Date:	
		WORK ORDE	R NON-CONFORMA	NCE (NC	₹)				
STEP	Description of NC				Verific	cation	Approval	Approval	
0.2.	Section A	Chief Eng	Action Description Chief Eng			ion C	Chief Eng	QC inspector	
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	STEP	:PAR #: Resolution:	STEP PROCEDURE CHAN  PAR #: Fault Category  Resolution: Disposition  WORK ORDE  STEP Description of NC Section A Initial	WORK ORDER CHANG  STEP PROCEDURE CHANGE  :PAR #: Fault Category:  Resolution:Disposition:  WORK ORDER NON-CONFORMA  STEP Description of NC	WORK ORDER CHANGES  STEP PROCEDURE CHANGE By  :PAR #:Fault Category:NCR: Yes  Resolution:Disposition:QA: N/C C  WORK ORDER NON-CONFORMANCE (NCF  STEP Description of NC	WORK ORDER CHANGES  STEP PROCEDURE CHANGE By Date  :PAR #: Fault Category: NCR: Yes No DQ.  Resolution: Disposition: QA: N/C Closed:  WORK ORDER NON-CONFORMANCE (NCR)  STEP Description of NC	WORK ORDER CHANGES  STEP PROCEDURE CHANGE By Date Qty	WORK ORDER CHANGES  STEP PROCEDURE CHANGE By Date Qty Chief Eng/Prod Mgr  :PAR #: Fault Category: NCR: Yes No DQA: Date:  Resolution: Disposition: QA: N/C Closed: Date:  WORK ORDER NON-CONFORMANCE (NCR)  STEP Description of NC Section A Approval Initial Action Description Sign & Section C Chief Eng Chief Eng Conference Chief Eng Con	